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INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(Use as many sheets as necessary)

Sheet

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Complete if Known

Application Number	10/829,381
Filing Date	April 22, 2004
First Named Inventor	Eckard Weber
Art Unit	1642 / 1657
Examiner Name	To be assigned
Attorney Docket Number	1735.0290006/RWE/ALS

U. S. PATENT DOCUMENTS

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FOREIGN PATENT DOCUMENTS

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**Examiner
Signature**

R. G. TONNER

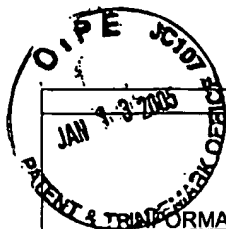
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FORM PTO-1449

ATTY. DOCKET NO.
1735.0290006/RWE/ALSAPPLICATION NO.
10/829,381FIRST NAMED INVENTOR
Weber *et al.*FILING DATE
April 22, 2004ART UNIT
1842 1657

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
RG	AA1	4,044,126	08/23/1977	Cook <i>et al.</i>			
	AB1	4,336,186	06/22/1982	Gargiulo <i>et al.</i>			
	AC1	4,364,923	12/21/1982	Cook <i>et al.</i>			
	AD1	4,414,209	11/08/1983	Cook <i>et al.</i>			
	AE1	4,522,811	06/11/1985	Eppstein <i>et al.</i>			
	AF1	4,557,862	12/10/1985	Mangel <i>et al.</i>			
	AG1	4,640,893	02/03/1987	Mangel <i>et al.</i>			
	AH1	5,208,148	05/04/1993	Haugland <i>et al.</i>			
	AI1	5,227,487	07/13/1993	Haugland <i>et al.</i>			
	AJ1	5,362,628	11/08/1994	Haugland <i>et al.</i>			
✓	AK1	5,443,986	08/22/1995	Haugland <i>et al.</i>			

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
RG	AL1	EP 0 285 179 B1	10/05/1988	Europe			Yes No
	AM1	EP 0 528 487 A2	02/24/1993	Europe			Yes No
	AN1	WO 93/04192	03/04/1993	WIPO			Yes No
	AO1	WO 93/10461	05/27/1993	WIPO			Yes No
✓	AP1	WO 94/06906	03/31/1994	WIPO			Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

RG	AR	1	Adams, S.R., <i>et al.</i> , "Biologically Useful Chelators That Take Up Ca ²⁺ upon Illumination," <i>J. Am. Chem. Soc.</i> 111:7957-7968, American Chemical Society (1989)
RG	AS	1	Alder, A., <i>et al.</i> , "Optical sensor for the determination of cations, its use, and fluorophores therefor," <i>Chemical Abstracts</i> 123:114, The American Chemical Society, Abstract No. 35266b (1995)
RG	AT	1	Alnemri, E.S., <i>et al.</i> , "Human ICE/CED-3 Protease Nomenclature," <i>Cell</i> 87:171, Cell Press (October 1996)

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<i>RG</i>	AA2	5,556,992	09/17/1996	Gaboury <i>et al.</i>			
	AB2	5,576,424	11/19/1996	Mao <i>et al.</i>			
	AC2	5,587,490	12/24/1996	Goodrich, Jr., <i>et al.</i>			
	AD2	5,605,809	02/25/1997	Komoriya <i>et al.</i>			
	AE2	5,698,411	12/16/1997	Lucas <i>et al.</i>			
	AF2	5,714,342	02/03/1998	Komoriya <i>et al.</i>			
	AG2	5,733,719	03/31/1998	Jaffe <i>et al.</i>			
	AH2	5,773,236	06/30/1998	Diwu <i>et al.</i>			
	AI2	5,776,720	07/07/1998	Jaffe <i>et al.</i>			
	AJ2	5,834,216	11/10/1998	Roizman <i>et al.</i>			
<i>✓</i>	AK2	5,843,635	12/01/1998	Schlossman <i>et al.</i>			

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
<i>RG</i>	AL2	CA 2,119,840	09/27/1994	Canada			Yes No
<i>✓</i>	AM2	WO 96/20721	07/11/1996	WIPO			Yes No
	AN2	WO 96/36729	11/21/1996	WIPO			Yes No
	AO2	WO 98/13517	04/02/1998	WIPO			Yes X No
<i>✓</i>	AP2	WO 98/55863	12/10/1998	WIPO			Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

<i>RG</i>	AR	2	An, S., and Knox, K.A., "Ligation of CD40 rescues Ramos-Burkitt lymphoma B cells from calcium ionophore- and antigen receptor-triggered apoptosis by inhibiting activation of the cysteine protease CPP32/Yama and cleavage of its substrate PARP," <i>FEBS Lett.</i> 386:115-122, Federation of European Biochemical Societies (May 1996)
<i>RG</i>	AS	2	Armstrong, R.C., <i>et al.</i> , "Fas-induced Activation of the Cell Death-related Protease CPP32 Is Inhibited by Bcl-2 and by ICE Family Protease Inhibitors," <i>J. Biol. Chem.</i> 271:16850-16855, The American Society for Biochemistry and Molecular Biology, Inc. (July 1996)
<i>RG</i>	AT	2	Assfalg-Machleidt, I., <i>et al.</i> , "Membrane Permeable Fluorogenic Rhodamine Substrates for Selective Determination of Cathepsin L," <i>Biol. Chem. Hoppe-Seyler</i> 373:433-440, Walter de Gruyter & Co. (1992)

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RG	AA3	5,849,513	12/15/1998	Jaffe <i>et al.</i>			
	AB3	5,871,946	02/16/1999	Lucas <i>et al.</i>			
	AC3	5,897,992	04/27/1999	Fearnhead <i>et al.</i>			
	AD3	5,908,750	06/01/1999	Reed <i>et al.</i>			
	AE3	5,976,822	11/02/1999	Landrum <i>et al.</i>			
	AF3	6,037,137	03/14/2000	Komoriya <i>et al.</i>			
	AG3	6,048,703	04/11/2000	Siman <i>et al.</i>			
	AH3	6,075,020	06/13/2000	Cincotta <i>et al.</i>			
	AI3	6,077,684	06/20/2000	Kravtsov			
	AJ3	6,200,969 B1	03/13/2001	Fritz <i>et al.</i>			
	AK3	6,251,614 B1	06/26/2001	Fritz <i>et al.</i>			

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RG	AL3	WO 98/57664	12/23/1998	WIPO			Yes No
	AM3	WO 99/18856	04/22/1999	WIPO			Yes No
	AN3	WO 00/04914	02/03/2000	WIPO			Yes No
	AO3	WO 00/07017	02/10/2000	WIPO			Yes No
	AP3	WO 00/45165	08/03/2000	WIPO			Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

RG	AR	3	Bonneau, P.R., <i>et al.</i> , "Design of Fluorogenic Peptide Substrates for Human Cytomegalovirus Protease Based on Structure-Activity Relationship Studies," <i>Analyt. Biochem.</i> 255:59-65, Academic Press (January 1998)
RG	AS	3	Calabresi, P., and Chabner, B.A., "Chemotherapy of Neoplastic Diseases," in <i>Goodman & Gilman's The Pharmacological Basis of Therapeutics. Ninth Edition</i> , The McGraw-Hill Companies, pp. 1225-1287 (January 1996)
RG	AT	3	di Giovine, F.S., and Duff, G.W., "Interleukin 1: the first interleukin," <i>Immunol. Today</i> 11:13-20, Elsevier Science Publishers (UK) Ltd. (1990)

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RG	AA4	6,248,904 B1	06/19/2001	Zhang <i>et al.</i>			
	AB4	6,270,980 B1	08/07/2001	Fritz <i>et al.</i>			
	AC4	6,335,429 B1	01/01/2002	Cai <i>et al.</i>			
	AD4	6,342,611 B1	01/29/2002	Weber <i>et al.</i>			
	AE4	2002/0076733 A1	06/20/2002	Kasibhatla <i>et al.</i>			
	AF4	6,462,041 B1	10/08/2002	Cai <i>et al.</i>			
	AG4	2003/0027229 A1	02/06/2003	Kasibhatla <i>et al.</i>			
	AH4	2003/0208037 A1	11/06/2003	Zhang <i>et al.</i>			
	AI4	6,518,032	02/11/2003	Fritz <i>et al.</i>			
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RG	AL4	WO 01/79187	10/25/2001	WIPO			Yes No
RG	AM4	WO 02/12545	02/14/2002	WIPO			Yes No
RG	AN4	WO 96/33209	10/24/1996	WIPO			Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

RG	AR	4	Dilanni, C.L., <i>et al.</i> , "In Vitro Activity of the Herpes Simplex Virus Type 1 Protease with Peptide Substrates," <i>J. Biol. Chem.</i> 268:25449-25454, The American Society for Biochemistry and Molecular Biology, Inc. (1993)
RG	AS	4	Dinareello, C.A., "Interleukin-1 and Interleukin-1 Antagonism," <i>Blood</i> 77:1627-1652, W. B. Saunders Company (1991)
RG	AT	4	Ding, J., <i>et al.</i> , "Crystal structure of the human adenovirus proteinase with its 11 amino acid cofactor," <i>EMBO J.</i> 15:1778-1783, IRL Press Limited (April 1996)

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	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

120	AR	5	Diouri, M., <i>et al.</i> , "Cleavage Efficiency by Adenovirus Protease Is Site-dependent," <i>J. Biol. Chem.</i> 271:32511-32514, The American Society for Biochemistry and Molecular Biology, Inc. (December 1996)
122	AS	5	Evans, D.B., <i>et al.</i> , "An Ultrasensitive Human Immunodeficiency Virus Type 1 Protease Radioimmuno Rate Assay with a Potential for Monitoring Blood Levels of Protease Inhibitors in Acquired Immunodeficiency Disease Syndrome Patients," <i>Analyt. Biochem.</i> 206:288-292, Academic Press, Inc. (1992)
126	AT	5	Evan, G., and Littlewood, T., "A Matter of Life and Cell Death," <i>Science</i> 281:1317-1322, American Association for the Advancement of Science (August 1998)

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	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

120	AR	6	Friesen, C., <i>et al.</i> , "Involvement of the CD95 (APO-1/Fas) receptor/ligand system in drug-induced apoptosis in leukemia cells," <i>Nature Med.</i> 2:574-577, Nature Publishing Group (May 1996)
121	AS	6	Fulda, S. <i>et al.</i> , "Betulinic Acid Triggers CD95 (APO-1/Fas)- and p53-independent Apoptosis via Activation of Caspases in Neuroectodermal Tumors," <i>Cancer Res.</i> 57:4956-4964, American Association of Cancer Research (November 1997)
122	AT	6	Gamen, S. <i>et al.</i> , "Doxorubicin-induced apoptosis in human T-cell leukemia is mediated by caspase-3 activation in a Fas-independent way," <i>FEBS Lett.</i> 417:360-364, Elsevier Science Publishers B.V. (November 1997)

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	AL						Yes No
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	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

<i>Re</i>	AR	Z	Ganesh, S., <i>et al.</i> , "Flow Cytometric Determination of Aminopeptidase Activities in Viable Cells Using Fluorogenic Rhodamine 110 Substrates," <i>Cytometry</i> 20:334-340, Wiley-Liss, Inc. (1995)
<i>Re</i>	AS	Z	Gallop, M.A., <i>et al.</i> , "Applications of Combinatorial Technologies to Drug Discovery. 1. Background and Peptide Combinatorial Libraries," <i>J. Med. Chem.</i> 37:1233-1251, American Chemical Society (1994)
<i>Re</i>	AT	Z	Gao, M., <i>et al.</i> , "The Protease of Herpes Simplex Virus Type 1 Is Essential for Functional Capsid Formation and Viral Growth," <i>J. Virol.</i> 68:3702-3712, American Society for Microbiology (1994)

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Reb. Turner

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RG	AR	8	Gordon, E.M., <i>et al.</i> , "Applications of Combinatorial Technologies to Drug Discovery. 2. Combinatorial Organic Synthesis, Library Screening Strategies, and Future Directions," <i>J. Med. Chem.</i> 37:1385-1401, American Chemical Society (1994)
RG	AS	8	Greene, T.W. and Wuts, P.G.M., "Protection For The Amino Group," in <i>Protective Groups in Organic Synthesis</i> , Greene, T.W. and P.G.M. Wuts, Eds., John Wiley and Sons, Inc., New York, NY, pp. 309-315 (1980)
RG	AT	8	Griffith, E.C., <i>et al.</i> , "Methionine aminopeptidase (type 2) is the common target for angiogenesis inhibitors AGM-1470 and ovalicin," <i>Chem. Biol.</i> 4:461-471, Current Biology Ltd. (June 1997)

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RG	AR	9	Hardin, J.A., <i>et al.</i> , "A simple fluorescence method for surface antigen phenotyping of lymphocytes undergoing DNA fragmentation," <i>J. Immunol. Meth.</i> 154:99-107, Elsevier Science Publishers B.V. (1992)
RG	AS	9	Haugland, R.P., and Johnson, I.D., "Detecting Enzymes in Living Cells Using Fluorogenic Substrates," <i>J. Fluorescence</i> 3:119-127, Plenum Publishing Corporation (1993)
RG	AT	9	Haugland, R.P., "Detecting Enzymatic Activity in Cells Using Fluorogenic Substrates," <i>Biotechnic & Histochem.</i> 70:243-251, Williams & Wilkins (1995)

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126	AR	10	Haugland, R.P., <i>Handbook of Fluorescent Probes and Research Chemicals</i> , Sixth Edition, Molecular Probes, Inc., Eugene, OR, pp. 28, 54 (1996).
126	AS	10	Haugland, R.P., "Detecting Peptidases and Proteases," in <i>Handbook of Fluorescent Probes and Research Chemicals</i> , Sixth Edition, Molecular Probes, Inc., pages 225-234 (1996)
126	AT	10	Hickman, J.A., "Apoptosis induced by anticancer drugs," <i>Cancer and Metastasis Rev.</i> 11:121-139, Kluwer Academic Publishers (1992)

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EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB-CLASS	TRANSLATION
	AL						Yes No
	AM						Yes No
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	AO						Yes No
	AP						Yes No

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RC	AR	11	Holskin, B.P., <i>et al.</i> , "A Continuous Fluorescence-Based Assay of Human Cytomegalovirus Protease Using a Peptide Substrate," <i>Analyt. Biochem.</i> 226:148-155, Academic Press, Inc. (1995)
RC	AS	11	Hyland, L.J., <i>et al.</i> , "A Radiometric Assay for HIV-1 Protease," <i>Analyt. Biochem.</i> 188:408-415, Academic Press, Inc. (1990)
RG	AT	11	Joensuu, H., <i>et al.</i> , "Bcl-2 Protein Expression and Long-Term Survival in Breast Cancer," <i>Am. J. Pathol.</i> 145:1191-1198, American Society for Investigative Pathology (1994)

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FORM PTO-1449

INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.
1735.0290006/RWE/ALSAPPLICATION NO.
10/829,381FIRST NAMED INVENTOR
Weber *et al.*FILING DATE
April 22, 2004ART. UNIT
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<i>RG</i>	AR	<u>12</u>	Johnson, A.F., <i>et al.</i> , "Nonisotopic DNA Detection System Employing Elastase and a Fluorogenic Rhodamine Substrate," <i>Anal. Chem.</i> 65:2352-2359, American Chemical Society (1993)
<i>RG</i>	AS	<u>12</u>	Klingel, S., <i>et al.</i> , "Flow Cytometric Determination of Cysteine and Serine Proteinase Activities in Living Cells with Rhodamine 110 Substrates," <i>Meth. Cell Biol.</i> 41:449-459, Academic Press, Inc. (1994)
<i>RG</i>	AT	<u>12</u>	Leytus, S.P., <i>et al.</i> , "Rhodamine-based compounds as fluorogenic substrates for serine proteinases," <i>Biochem. J.</i> 209:299-307, The Biochemical Society (1983)

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RG	AR	13	Leytus, S.P., et al., "New class of sensitive and selective fluorogenic substrates for serine proteinases," <i>Biochem. J.</i> 215:253-260, The Biochemical Society (1983)
RG	AS	13	Li, X., and Chang, Y.-H., "Evidence That the Human Homologue of a Rat Initiation Factor-2 Associated Protein (p ⁶⁷) Is a Methionine Aminopeptidase," <i>Biochem. Biophys. Res. Comm.</i> 227:152-159, Academic Press, Inc. (October 1996)
RG	AT	13	Liang, H., and Fesik, S.W., "Three-dimensional Structures of Proteins Involved in Programmed Cell Death," <i>J. Mol. Biol.</i> 274:291-302, Academic Press Limited (December 1997)

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RC	AR	14	Los, M., <i>et al.</i> , "Requirement of an ICE/CED-3 protease for Fas/APO-1-mediated apoptosis," <i>Nature</i> 375:81-83, MacMillan Magazines Limited (1995)
RC	AS	14	Los, M., <i>et al.</i> , "Cross-Resistance of CD95- and Drug-Induced Apoptosis as a Consequence of Deficient Activation of Caspases (ICE/Ced-3 Proteases)," <i>Blood</i> 90:3118-3129, W. B. Saunders (October 15, 1997)
RC	AT	14	Maldonado, V., <i>et al.</i> , "Modulation of NF- κ B, p53 and Bcl-2 in apoptosis induced by cisplatin in HeLa cells," <i>Mutation Res.</i> 381:67-75, Elsevier Science B.V. (November 1997)

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RG	AR	15	Martin, J.A., et al., "Inhibitors of HIV Proteinase," <i>Prog. Med. Chem.</i> 32:239-287, Elsevier Science B.V. (1995)
RG	AS	15	Matayoshi, E.D., et al., "Novel Fluorogenic Substrates for Assaying Retroviral Proteases by Resonance Energy Transfer," <i>Science</i> 247:954-958, American Association for the Advancement of Science (1990)
RG	AT	15	McCann III, P.J., et al., "Investigation of the Specificity of the Herpes Simplex Virus Type 1 Protease by Point Mutagenesis of the Autoproteolysis Sites," <i>J. Virol.</i> 68:526-529, American Society for Microbiology (1994)

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125	AR	16	Miller, L.K., "Baculovirus Interaction With Host Apoptotic Pathways," <i>J. Cell. Physiol.</i> 173:178-182, Wiley-Liss, Inc. (November 1997)
126	AS	16	Miura, M., <i>et al.</i> , "Induction of Apoptosis in Fibroblasts by IL-1 β -Converting Enzyme, a Mammalian Homolog of the <i>C. elegans</i> Cell Death Gene <i>ced-3</i> ," <i>Cell</i> 75:653-660, Cell Press (1993)
126	AT	16	Mohr, S., <i>et al.</i> , "Macrophages resistant to endogenously generated nitric oxide-mediated apoptosis are hypersensitive to exogenously added nitric oxide donors: Dichotomous apoptotic response independent of caspase 3 and reversal by the mitogen-activated protein kinase kinase (MEK) inhibitor PD 098059," <i>Proc. Natl. Acad. Sci. USA</i> 95: 5045-5050, The National Academy of Sciences (April 1998)

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N. G. TOMLINS

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FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO. 1735.0290006/RWE/ALS	APPLICATION NO. 10/829,381
	FIRST NAMED INVENTOR Weber et al.	
	FILING DATE April 22, 2004	ART UNIT 1642 / 657

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	AL						Yes No
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126	AR	17	Molecular Probes, Inc., <i>Alphabetical Price List of New Products</i> , Molecular Probes, Inc., pp. 1-4 (1994)
126	AS	17	Morliere, P., et al., "Interaction of Tetrapyrrolic Rings with Rhodamine 110 and 123 and with Rhodamine 110 Derivatives Bearing A Peptidic Side Chain," <i>Biochem. Biophys. Res. Comm.</i> 146:107-113, Academic Press, Inc. (1987)
126	AT	17	Mosley, B., et al., "The Interleukin-1 Receptor Binds the Human Interleukin-1 α Precursor but Not the Interleukin-1 β Precursor," <i>J. Biol. Chem.</i> 262:2941-2944, The American Society of Biological Chemists, Inc. (1987)

EXAMINER 126 G. T. M. L. E. R.	DATE CONSIDERED 11/27/06
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FORM PTO-1449

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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

RG	AR	18	Muscate, A., and Kenyon, G.L., "Approaches to the Rational Design of Enzyme Inhibitors," in <i>Burger's Medicinal Chemistry and Drug Discovery 5th Ed., Volume 1: Principles and Practice</i> , Wolff, M.E., Ed., John Wiley & Sons, Inc., pp. 733-782 (1995)
RG	AS	18	Nogrady, T., "Pro-Drugs and Soft Drugs," in <i>Medicinal Chemistry. A Biological Approach</i> , Oxford University Press, Inc., New York, NY, pp. 388-394 (1985)
RG	AT	18	O'Boyle II, D.R., <i>et al.</i> , "Identification of a Novel Peptide Substrate of HSV-1 Protease Using Substrate Phage Display," <i>Virology</i> 236:338-347, Academic Press (September 1997)

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FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO. 1735.0290006/RWE/ALS	APPLICATION NO. 10/829,381
	FIRST NAMED INVENTOR Weber <i>et al.</i>	
	FILING DATE April 22, 2004	ART UNIT 1842 / 657

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	AL						Yes No
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	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

126	AR	19	Oppenheim, J.J., <i>et al.</i> , "There is more than one Interleukin 1," <i>Immunol. Today</i> 7:45-56, Elsevier Science Publishers B.V. (1986)
126	AS	19	Qi, X.-M., <i>et al.</i> , "Baculovirus p35 and Z-VAD-fmk inhibit thapsigargin-induced apoptosis of breast cancer cells," <i>Oncogene</i> 15: 1207-1212, Stockton Press (September 1997)
126	AT	19	Richards, A.D., <i>et al.</i> , "Sensitive, Soluble Chromogenic Substrates for HIV-1 Proteinase," <i>J. Biol. Chem.</i> 265:7733-7736, The American Society for Biochemistry and Molecular Biology, Inc. (1990)

EXAMINER: 126 BITOMEN	DATE CONSIDERED 11/27/06
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FORM PTO-1449

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10/829,381FIRST NAMED INVENTOR
Weber *et al.*FILING DATE
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	AL						Yes No
	AM						Yes No
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	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

RG	AR	20	Rothe, G., <i>et al.</i> , "Flow Cytometric Analysis of Protease Activities in Vital Cells," <i>Biol. Chem. Hoppe-Seyler</i> 373:547-554, Walter de Gruyter & Co. (1992)
RG	AS	20	Schmitt, E. <i>et al.</i> , "The Bcl-xL and Bax- α control points: modulation of apoptosis induced by cancer chemotherapy and relation to TPCK-sensitive protease and caspase activation," <i>Biochem. Cell Biol.</i> 75:301-314, NRC Canada (August 1997)
RG	AT	20	Sin, N., <i>et al.</i> , "The anti-angiogenic agent fumagillin covalently binds and inhibits the methionine aminopeptidase, MetAP-2," <i>Proc. Natl. Acad. Sci. USA</i> 94:6099-6103, The National Academy of Sciences (June 1997)

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FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO. 1735.0290006/RWE/ALS	APPLICATION NO. 10/829,381
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	AL						Yes No
	AM						Yes No
	AN						Yes No
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	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)			
RG	AR	21	Stevens, J.T., et al., "In vitro proteolytic activity and active-site identification of the human cytomegalovirus protease," <i>Eur. J. Biochem.</i> 226:361-367, Springer International (1994)
RG	AS	21	Tamburini, P.P., et al., "A Fluorometric Assay for HIV-Protease Activity Using High-Performance Liquid Chromatography," <i>Analyt. Biochem.</i> 186:363-368, Academic Press, Inc. (1990)
RG	AT	21	Thornberry, N.A., et al., "A novel heterodimeric cysteine protease is required for interleukin-1 β processing in monocytes," <i>Nature</i> 356:768-774, MacMillan Magazines Limited (1992)

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RG	AR	22	Thornberry, N.A., "The caspase family of cysteine proteases," <i>Br. Med. Bull.</i> 53:478-490, Royal Society Medicine Press Ltd. (September 1997)
RG	AS	22	Thornberry, N.A., <i>et al.</i> , "A Combinatorial Approach Defines Specificities of Members of the Caspase Family and Granzyme B," <i>J. Biol. Chem.</i> 272:17907-17911, The American Society for Biochemistry and Molecular Biology, Inc. (July 1997)
RG	AT	22	Toth, M.V., and Marshall, G.R., "A simple, continuous fluorometric assay for HIV protease," <i>Int. J. Peptide Protein Res.</i> 36:544-550, Munksgaard International Publishers Limited (1990)

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12c	AR	<u>23</u>	Tyagi, S.C., and Carter, C.A., "Continuous Assay of the Hydrolytic Activity of Human Immunodeficiency Virus-1 Protease," <i>Analyt. Biochem.</i> 200:143-148, Academic Press, Inc. (1992)
12d	AS	<u>23</u>	Villa, P., et al., "Caspases and caspase inhibitors," <i>Trends Biochem. Sci.</i> 22:388-393, Elsevier Science Ltd. (October 1997)
12e	AT	<u>23</u>	Webb, N.R., and Summers, M.D., "Expression of Proteins Using Recombinant Baculoviruses," <i>Tech.- J. Meth. Cell Molec. Biol.</i> 2:173-188, Saunders Scientific Publications (1990)

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<i>RC</i>	AR	<u>24</u>	Weber, J.M., "Adenovirus Endopeptidase and Its Role in Virus Infection," in <i>The Molecular Repertoire of Adenoviruses I. Virion Structure and Infection</i> , Doerfler, W. and P. Böhm, Eds., Springer-Verlag, Berlin, Germany, pp. 227-235 (1995)
<i>RC</i>	AS	<u>24</u>	West, M.L., and Fairlie, D.P., "Targeting HIV-1 protease: a test of drug-design methodologies," <i>Trends in Pharmacological Sciences</i> 16:67-75, Elsevier Science Ltd. (1995)
<i>RC</i>	AT	<u>24</u>	Yoon, H.J., <i>et al.</i> , "DNA topoisomerase II cleavage of telomeres in vitro and in vivo," <i>Biochim. et Biophys. Acta</i> 1395:110-120, Elsevier Science B.V. (January 1998)

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	AP						Yes No

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Re	AS	<u>25</u>	Zhang, R., et al., "Probing the Substrate Specificity of Hepatitis C Virus NS3 Serine Protease by Using Synthetic Peptides," <i>J. Virol.</i> 71:6208-6213, American Society for Microbiology (August 1997)
Re	AT	<u>25</u>	International Search Report of International Application No. PCT/US98/21231, European Patent Office, Netherlands, mailed on February 1, 1999

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FORM PTO-1449

INFORMATION DISCLOSURE STATEMENT

ATTY. DOCKET NO.
1735.0290006/RWE/ALSAPPLICATION NO.
10/829,381FIRST NAMED INVENTOR
Weber *et al.*FILING DATE
April 22, 2004ART UNIT
1642

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U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB-CLASS	FILING DATE
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FOREIGN PATENT DOCUMENTS

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	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

126	AR	26	Co-pending U.S. Application No. 09/454,595, inventors Weber <i>et al.</i> , filed December 7, 1999 (NOT PUBLISHED)				
126	AS	26	Dialog File 351, Accession No. 11813812, Derwent WPI English language abstract for WO 98/13517				
126	AT	26	Van Noorden, C.J., <i>et al.</i> , "Ala-Pro-Cresyl Violet, a Synthetic Fluorogenic Substrate for the Analysis of Kinetic Parameters of Dipeptidyl Peptidase IV (CD26) in Individual Living Rat Hepatocytes" <i>Analytical Biochemistry</i> 252: 71-77 Academic Press (October 1, 1997)				

EXAMINER

12.61 TONLON

DATE CONSIDERED

11/27/06

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	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

RC	AR	27	Allen, R.T. et al., "Mechanisms controlling cellular suicide: role of Bcl-2 and caspases," <i>Cell. Mol. Life Sci.</i> 54:427-445, Birkhäuser Verlag (May 1998)
RC	AS	27	BIOMOL Research Laboratories, Inc., "Apoptosis Inducers and the Assay of Caspase Activity," <i>FASEB J.</i> 12:A1488, Federation of American Societies for Experimental Biology, Abstract No. T10 (November 1998)
RC	AT	27	Boudreau, N., et al., "Suppression of ICE and Apoptosis in Mammary Epithelial Cells by Extracellular Matrix," <i>Science</i> 267:891-893, American Association for the Advancement of Science (1995)

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<i>RC</i>	AR	<u>28</u>	Bradbury, D.A., <i>et al.</i> , "Measurement of the ADP:ATP ratio in human leukaemic cell lines can be used as an indicator of cell viability, necrosis and apoptosis," <i>Journal of Immunological Methods</i> 240:79-92, Elsevier Science B.V. (June 2000)
<i>RC</i>	AS	<u>28</u>	Cai, S.X., <i>et al.</i> , "Design and Synthesis of New Rhodamine-Based Dyes and Caspase Substrates," in <i>Book of Abstracts, 219th ACS National Meeting, San Francisco, CA, American Chemical Society, Washington, DC, p. ORGN 227, Abs. No. 227 (February 2000)</i>
<i>RC</i>	AT	<u>28</u>	Evans, D.L., <i>et al.</i> , "Differential Sensitivity to the Induction of Apoptosis by Cisplatin in Proliferating and Quiescent Immature Rat Thymocytes is Independent of the Levels of Drug Accumulation and DNA Adduct Formation," <i>Cancer Research</i> 54:1596-1603, American Association for Cancer Research (1994)

EXAMINER *R. G. TOMLIN*DATE CONSIDERED *11/27/06*

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<i>Re</i>	AR	<u>29</u>	Hug, H., <i>et al.</i> , "Rhodamine 110-Linked Amino Acids and Peptides as Substrates to Measure Caspase Activity upon Apoptosis Induction in Intact Cells," <i>Biochemistry</i> 38:13906-13911, The American Chemical Society (October 1999)
<i>Re</i>	AS	<u>29</u>	Jones, J., <i>et al.</i> , "Development and Application of a GFP-FRET Intracellular Caspase Assay for Drug Screening," <i>J. Biomol. Screen</i> 5:307-317, Mary Ann Liebert (October 2000)
<i>Re</i>	AT	<u>29</u>	Leoni, L.M., <i>et al.</i> , "Indanocine, a Microtubule-Binding Indanone and a Selective Inducer of Apoptosis in Multidrug-Resistant Cancer Cells," <i>J. Natl. Canc. Inst.</i> 92:217-224, Oxford University Press (February 2000)

EXAMINER *R. G. Towner*DATE CONSIDERED *11/27/06*

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OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

<i>Re</i>	AR	30	Lesage, S., et al., "CD4 ⁺ CD8 ⁺ Thymocytes Are Preferentially Induced to Die Following CD45 Cross-linking, Through a Novel Apoptotic Pathway," <i>The Journal of Immunology</i> , 159:4762-4771, The American Association of Immunologists (November 1997)				
<i>Re</i>	AS	30	Migita, K., et al., "FK506 Potentiates Steroid-Induced T-Cell Apoptosis," <i>Transplantation</i> , 64:1365-1369, Lipincott Williams & Wilkins (November 1997)				
<i>Re</i>	AT	30	Monks, A., et al., "Feasibility of a High-Flux Anticancer Drug Screen Using a Diverse Panel of Cultured Human Tumor Cell Lines," <i>J. Natl. Canc. Inst.</i> 83:757-766, Oxford University Press (1991)				

EXAMINER *R. G. Tomlin*DATE CONSIDERED *11/27/00*

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<i>RG</i>	AR	31	Mooberry, S.L., et al., "Laulimalide and Isolaualimalide, New Paclitaxel-Like Microtubule-Stabilizing Agents," <i>Canc. Res.</i> 59:653-660, American Society for Cancer Research (February 1999)				
<i>RG</i>	AS	31	Nicholson, D.W., et al., "Identification and inhibition of the ICE/CED-3 protease necessary for mammalian apoptosis," <i>Nature</i> 376:37-43, Macmillan Journals Ltd. (1995)				
<i>RG</i>	AT	31	Paul, K.D., et al., "Identification of Novel Antimitotic Agents Acting at the Tubulin Level by Computer-assisted Evaluation of Differential Cytotoxicity Data," <i>Cancer Res.</i> 52:3892-3900, American Association for Cancer Research (1992)				

EXAMINER *RG 6470men*DATE CONSIDERED *11/27/06*

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	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

<i>R</i>	AR	32	Sherr, C.J., "The Pezcoller Lecture: Cancer Cell Cycles Revisited," <i>Canc. Res.</i> 60:3689-3695, American Association for Cancer Research (July 2000)				
<i>R</i>	AS	32	Stryer, L., <i>Biochemistry</i> , Third Ed., W. H. Freeman and Company, New York, NY pp.31-33 (1988)				
<i>R</i>	AT	32	Tepper, A.D., <i>et al.</i> , "CD95/Fas-induced Ceramide Formation Proceeds with Slow Kinetics and Is Not Blocked by Caspase-3/CPP32 Inhibition," <i>J. Biol. Chem.</i> 272:24308-24312, The American Society for Biochemistry and Molecular Biology (September 1997)				

EXAMINER *R G. Roman*DATE CONSIDERED *11/27/06*

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FORM PTO-1449 INFORMATION DISCLOSURE STATEMENT	ATTY. DOCKET NO. 1735.0290006/RWE/ALS	APPLICATION NO. 10/829,381
	FIRST NAMED INVENTOR Weber <i>et al.</i>	
	FILING DATE April 22, 2004	ART UNIT 1642 1657

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	AL						Yes No
	AM						Yes No
	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

<i>Re</i>	AR	33	Thornberry, N.A., "Caspases: key mediators of apoptosis," <i>Chem. Biol.</i> 5:R97-R103, Current Biology Ltd. (May 1998)
<i>Re</i>	AS	33	Wesselborg, S., <i>et al.</i> , "Triggering via the alternative CD2 pathway induces apoptosis in activated human T lymphocytes," <i>Eur. J. Immunol.</i> 23:2707-2710, VCH Verlagsgesellschaft mbH (1993)
<i>Re</i>	AT	33	Zeher, M., <i>et al.</i> , "Correlation of Increased Susceptibility to Apoptosis of CD4+ T Cells with Lymphocyte Activation and Activity of Disease in Patients with Primary Sjögren's Syndrome," <i>Arthritis & Rheumatism</i> 42:1673-1681, American College of Rheumatology (August 1999)

EXAMINER <i>Re</i> <i>BITOMEN</i>	DATE CONSIDERED <i>11/27/06</i>
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	AN						Yes No
	AO						Yes No
	AP						Yes No

OTHER (Including Author, Title, Date, Pertinent Pages, etc.)

Re	AR	34	Zhou, T., <i>et al.</i> , "Bisindolylmaleimide VIII facilitates Fas-mediated apoptosis and inhibits T cell-mediated autoimmune diseases," <i>Nat. Med.</i> 5:42-48, Nature Publishing Co. (January 1999)
Re	AS	34	Lendeckel, U, <i>et al.</i> , "Induction of the membrane alanyl aminopeptidase gene and surface expression in human T-cells by mitogenic activation," <i>Biochem J.</i> 319:817-821, Biochemical Society/Portland Press LTD (November 1996)
Re	AT	34	Talanian, R.V., <i>et al.</i> , "Substrate Specificities of Caspase Family Proteases," <i>J. Biol. Chem.</i> 272:9677-9682, American Society for Biochemistry and Molecular Biology (April 1997)

EXAMINER 12 GATMUR	DATE CONSIDERED 11/27/06
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